

Washington State Department of Health Office of Shellfish and Water Protection

Annual Growing Area Review

PREPARED BY: Clyde Bill
AREA: Buck Bay
YEAR ENDING: December 31, 2011
CLASSIFICATION: Approved

Activities In The Growing Area in 2011

Samples were collected from each station in the Buck Bay growing area six times using the Systematic Random Sampling method. There were no significant activities identified from the Buck Bay growing area during the last year.

Analytical Results Of Water Samples

Table 1 summarizes the results of the 30 most recent samples collected from the Buck Bay growing area. This summary shows that all stations in the Buck Bay growing area pass NSSP water quality standards.

Change In Actual Pollution Sources That Impact The Growing Area

We currently have no information indicating that Buck Bay has new sources of pollution.

Classification Status

- Well within the classification standards
- Meets standards, but some concerns
- Meets standards, but threatened with downgrade in classification
- Fails to meet current classification standards

Remarks and Recommendations

Table 1 show that all stations in the Buck Bay growing area meet the NSSP water quality standards for an Approved classification and the area is correctly classified.

TABLE 1

SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: **BUCK BAY**

Classification: **Approved**

From **01/23/2007** To **12/06/2011**

FECAL COLIFORM ORGANISMS/100 ML

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
23	Approved	30	1.7 - 79.0	3.6	16.0	Yes
24	Approved	30	1.7 - 49.0	3.7	14.0	Yes
25	Approved	30	1.7 - 33.0	2.5	7.0	Yes
26	Approved	30	1.7 - 46.0	2.7	8.0	Yes
27	Approved	30	1.7 - 49.0	2.3	6.0	Yes

All tides information is presented

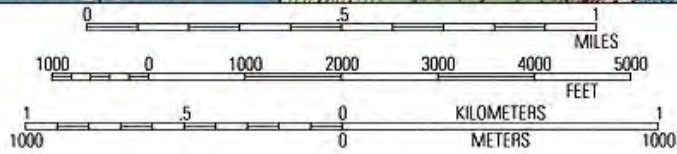
The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100 ml and an estimate of the 90th percentile not greater than 43 organisms/100 ml. The above table shows bacteriological results in relation to program standards.

† All samples have been verified.

Buck Bay 12/31/09



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